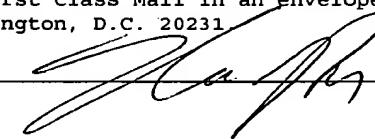


I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Signature and Deposit:

Oct 13, 1997

  
PATENT

H 4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James A. Thomson

Serial No.: 08/591,246

Filed: January 18, 1996

Group Art Unit: 1815

Examiner: B. Brumback

For: PRIMATE EMBRYONIC STEM CELLS File No.: 960296.93723

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner For Patents  
Box Non-Fee  
Washington DC 20231

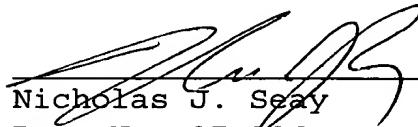
Dear Sir:

Enclosed are copies of documents and a completed form PTO-1449 listing documents that the applicant in the above-identified application wishes to bring to the attention of the Examiner for consideration in connection with the examination on the merits of this application. This application is a continuation-in-part of U.S. Patent Application 08/376,327 filed on January 20, 1995. Pursuant to 37 CFR 1.98(d), copies of documents that were previously cited by or submitted to the Office in the parent case are not included herein.

11/04/1997 MVILLARI 00000053 DA#170055 08591246  
01 FC:126 240.00 CH

Because an Office Action has issued, an additional fee is believed due in connection with this submission. Accordingly, the appropriate fee is enclosed.

Respectfully submitted,



---

Nicholas J. Seay

Reg. No. 27,386

Attorney for Applicant

QUARLES & BRADY

P.O. Box 2113

Madison, WI 53701-2113

(608) 251-5000



U.S. Department of Commerce  
Patent and Trademark Office

## FEES TRANSMITTAL

TOTAL AMOUNT OF PAYMENT \$ 240

Complete if Known	
Application Number	08/591,246
Filing Date	1/18/96
First Named Inventor	James A. Thorson
Group Art Unit	1815
Examiner Name	B. Brumback
Attorney Docket Number	960296.93723

RECEIVED

### METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 17-0055

Deposit Account Name Quarles & Brady

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)

2.  Payment Enclosed:  Check  Money Order  Other

### FEE CALCULATION (fees effective 10/01/97)

#### 1. FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)					

#### 2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
Independent Claims	-20=	<input type="text"/>	<input type="text"/>
Multiple Dependent Claims	-3=	<input type="text"/>	<input type="text"/>

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	82	209	41	Reissue independent claims over original patent
110	22	210	11	Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				

#### 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	400	216	200	Extension for response within second month	
117	950	217	475	Extension for response within third month	
118	1,510	218	755	Extension for response within fourth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,320	241	660	Petition to revive unintentionally abandoned application	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

SUBTOTAL (3) (\$) 240

Reduced by Basic Filing Fee Paid

SUBMITTED BY			Complete (if applicable)	
Typed or Printed Name	Nicholas J. Seay		Reg. Number	27,386
Signature		Date	October 13, 1997	Deposit Account User ID

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. QBMADV144645